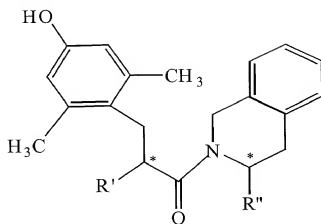
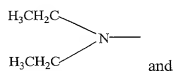
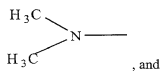


WHAT IS CLAIMED IS:

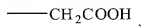
1. A compound of formula:

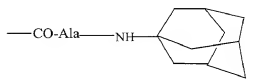
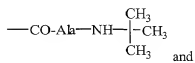
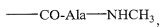
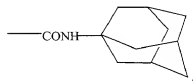
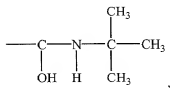
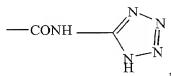


wherein R' is selected from the group consisting of

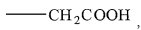


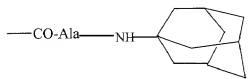
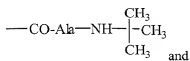
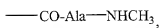
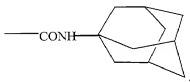
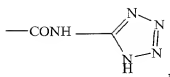
R'' is selected from the group consisting of





2. The compound of claim 1, wherein R' is $\text{H}_2\text{N---}$ and R" is selected from the group consisting of



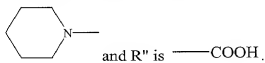


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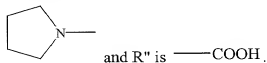
3. The compound of claim 1, wherein R' is $\text{H}_2\text{NH}_2\text{C-}$ and R" is ---COOH .

4. The compound of claim 1, wherein R' is

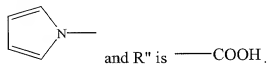


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5. The compound of claim 1, wherein R' is

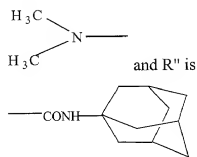


6. The compound of claim 1, wherein R' is

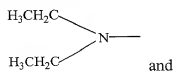


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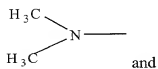
7. The compound of claim 1, wherein R' is



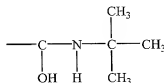
8. The compound of claim 1, wherein R' is



9. The compound of claim 1, wherein R' is

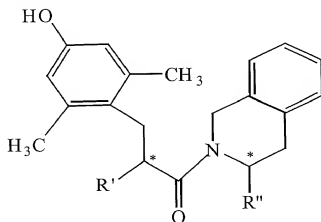


R" is

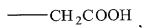


10. A composition comprising at least one compound of claim 1.

11. A method of treating a mammal in need of an antagonist of a δ -opioid receptor, which method comprises administering at least one compound of formula:

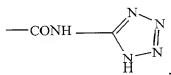


wherein (i) R' is $\text{H}_2\text{N}-$ and R'' is



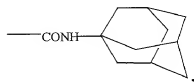
(ii) R' is $\text{H}_2\text{N}-$ and

R'' is

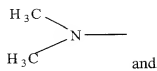


(iii) R' is and

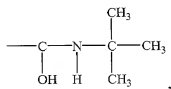
R'' is



(iv) R' is



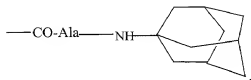
R'' is



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(v) R' is $\text{H}_2\text{N---}$ and

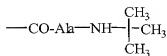
R'' is



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or (vi) R' is $\text{H}_2\text{N---}$ and

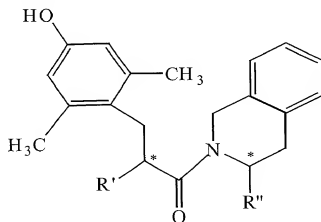
R'' is



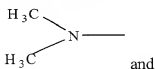
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in an amount that antagonizes a δ -opioid receptor in said mammal.

12. The method of claim 11, wherein said mammal is also in need of an agonist of a μ -opioid receptor, in which case the compound of formula:

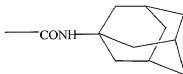


is the compound wherein R' is



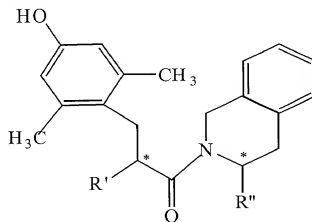
and

R'' is



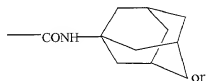
and the compound is administered in an amount that also agonizes a μ -opioid receptor in said mammal.

13. A method of treating a mammal in need of an agonist of a δ -opioid receptor, which method comprises administering at least one compound of formula:



wherein (i) R' is H_2N- and

R'' is

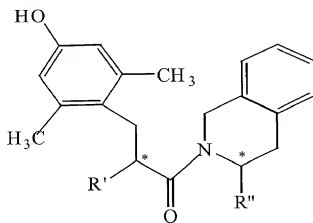


(ii) R' is H_2N- and

R'' is —CO-Ala—NHCH₃ in an amount that agonizes a δ -opioid receptor

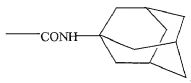
in said mammal.

14. A method of treating a mammal in need of an agonist of a μ -opioid receptor, which method comprises administering at least one compound of formula:

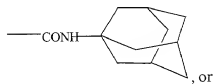
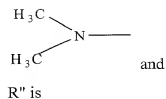


wherein (i) R' is H_2N- and

R'' is

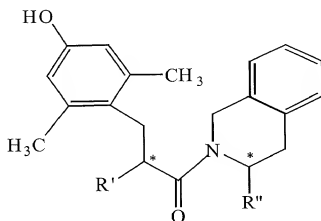


(ii) R' is



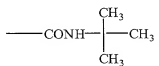
- 5 (iii) R' is $\text{H}_2\text{N---}$ and R'' is $\text{---CO-Ala---NHCH}_3$ in an amount that agonizes a μ -opioid receptor in said mammal.

15. A method of inhibiting the binding of an opioid receptor-binding compound with a P glycoprotein in a mammal, which method comprises administering at least one
10 compound of formula:



wherein (i) R' is $\text{H}_2\text{N---}$ and

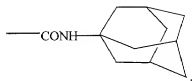
15 R'' is



(ii) R' is

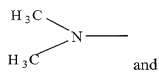
$\text{H}_2\text{N}-$ and

R'' is

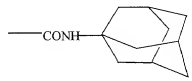


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(iii) R' is

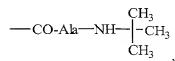


R'' is

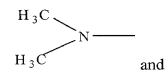


(iv) R' is $\text{H}_2\text{N}-$ and

R'' is



(v) R' is

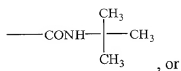


R'' is

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15

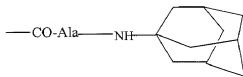
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(vi) R' is $\text{H}_2\text{N---}$ and

5

R'' is

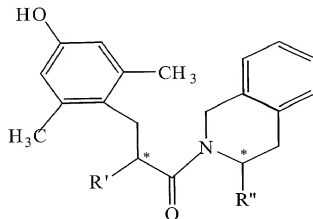


in an amount effect to inhibit the binding of an opioid receptor-binding compound with a P glycoprotein in a mammal.

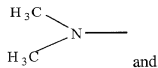
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16. The method of claim 15, wherein said P glycoprotein is P-gp1 (hMDR-1).

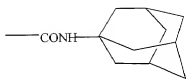
17. The method of claim 15, wherein said compound of formula:



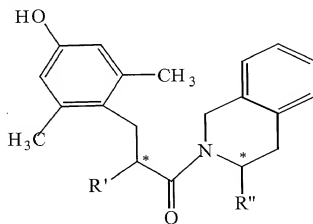
15 is the compound wherein R' is



R'' is

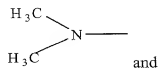


18. The method of claim 16, wherein said compound of formula:



5

is the compound wherein R' is



and

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R'' is

